



County of Riverside
DEPARTMENT OF ENVIRONMENTAL HEALTH

P.O. BOX 7909 • RIVERSIDE, CA 92513-7909

STEVE VAN STOCKUM, DIRECTOR

**CITATION FOR NONCOMPLIANCE – WATER SYSTEM NO. 3301510
NO. 05_63_17C_004**

Re: Pine Springs Ranch
System No. 3301510

Date: April 4, 2017

To: Pine Springs Ranch
Attn: Fritz Wuttke
P.O. Box 37
Mountain Center, CA 92561

Section 116650, Article 9, Chapter 4, Part 12, Division 104 of the California Health and Safety Code (H&S Code), authorizes the issuance of a citation for failure to comply with the requirements of the California Safe Drinking Water Act, or any regulation, standard, permit order issued there under.

VIOLATION

The Department of Environmental Health (Department), hereby issues a citation to Pine Springs Ranch for the following violation:

Title 22 of the California Code of Regulations (CCR), Section 64426.1 (b) (4). Specifically, Pine Springs Ranch failed the Total Coliform Maximum Contaminant Level (MCL) during the months of January 2017 and February 2017. For a public water system which collects fewer than 40 samples per month, more than one sample collected during any month is total coliform-positive; or any repeat sample is fecal coliform-positive or E.coli-positive; or any repeat sample following a fecal coliform-positive or E.coli-positive routine sample is total coliform-positive.

CHRONOLOGY OF EVENTS

This is a transient non-community water system serving a church camp with approximately 10,000 annual visitors and nine full time residents.

The potable water system consists of three vertical drilled wells located in pits: Well #1 (Lodge) is a six inch well ~400 feet deep with a small bladder tank. Well #1 pumps ~5 to 8 gpm. Well #2 is an eight inch well ~400 feet deep with a small bladder tank. Well #2 pumps ~12 gpm. Well #3 is an eight inch well ~400 feet deep with a small bladder tank. Well #3 pumps ~12 to 16 gpm. All wells are serviced by 2 hp submersible pumps. All three wells pump to a 3,000 gallon steel tank which acts as a forebay for the booster pumps. It is located midway up the hill behind the complex. There are two 1.0 hp booster pumps with a small bladder tank that pump water from the

3,000 gallon forebay up the hill to the main tank system. The main tank system consists of one 190,325 gallon carbon steel storage tank used for domestic use and two steel tanks (57,787 gallons and 38,366 gallons) dedicated for fire use only.

Recent History:

On January 30, 2017, Fritz Wuttke (Wuttke), Pine Springs Ranch Plant Services Director, collected five routine bacteria samples. The five samples were required due to a total coliform present result in the previous month of December 2016. The samples were taken from the main tank, café, lodge, house #1 and house #2. The laboratory notified Wuttke on January 31, 2017, with the following results: The café, lodge and house #2 were all total coliform present/E.coli absent. The main tank and house #1 were total coliform absent. The water system was chlorinated and flushed. Wuttke collected five bacteria resamples on February 1, 2017, from the distribution system (main tank, café, lodge, house #1 and house #2) and bacteria samples from the two active wells (Well #1 and Well #3). All results were total coliform absent.

As per the Federal Revised Total Coliform Rule, a Level 1 Assessment was triggered after the January 30, 2017, results. It was completed by Wuttke on February 17, 2017. Wuttke's summary attributed the cause of the total coliform results to possibly be from the following items: low water usage during the winter months, tanks due for inspection and cleaning, pump station tank was missing a screen on the vent and evidence of spiders in the tank, well heads and casings could be sealed better and sample taps could be replaced. The corrective actions were scheduled to be completed by the end of February 2017, except for the tanks which are scheduled to be cleaned this year.

On February 21, 2017, Wuttke collected five routine bacteria samples, as per the Total Coliform Rule: main tank, café, lodge, house #1 and house #2. The laboratory notified Wuttke on February 22, 2017, with the following results: The lodge was total coliform present (6.3 MPN/100 mL), house #1 was total coliform present (4.1 MPN/100 mL) and house #2 was total coliform present (2.0 MPN/100 mL). The main tank and house #2 were total coliform absent (ND). The water system was chlorinated and flushed. Wuttke collected four bacteria resamples on February 23, 2017, from the distribution system (café, lodge, house #1 and house #2) and bacteria samples from the two active wells (Well #1 and Well #3). All results were total coliform absent except for Well #3 (11 MPN/100 mL). Well #3 was chlorinated and flushed. Well #2, Well #3 and the pump station was resampled on March 2, 2017. All results were total coliform absent (ND).

As per the Federal Revised Total Coliform Rule, a Level 1 Assessment was triggered after the February 23, 2017, results. It was completed by Wuttke on March 20, 2017. Wuttke's summary attributed the cause of the total coliform results to possibly be from the following items: the pump station tank needed to be cleaned and possibly replaced, the Schrader valve on the pressure switch at Well #1 was sucking air into the line when the well shut off and the main tank is due for a cleaning. The corrective actions were: the pump station tank was inspected and cleaned and the Schrader valve was not needed and plugged off. The main tank is scheduled to be cleaned this year.

On March 20, 2017, Wuttke collected five routine bacteria samples, as per the Total Coliform Rule: main tank, café, lodge, house #1 and house #2. All results were total coliform absent (ND).

All consumers served by this water system were notified of this violation, as required in Section 64426.1 (c). A Resolved Tier 2 Notice was submitted to Wuttke on February 7, 2017. The notice was posted on February 7, 2017, and remained posted for at least 7 days. Proof of Notification was provided to this Department. Another Resolved Tier 2 Notice was posted on February 24, 2017, and remained posted for at least 7 days. Proof of Notification was provided to this Department.

DIRECTIVES

Your public water system must be maintained so that the total coliform MCL is not violated.

The required coliform bacteria follow-up sampling to an unsatisfactory routine sample is described below. This must be completed each and every time that a routine coliform bacteria sampling is unsatisfactory.

1. Within 24 hours of being notified of an unsatisfactory coliform bacteria result by your laboratory, collect four resamples. If you are unable to collect the resamples within 24 hours, contact this Department. Collect the resamples at the sample tap where the unsatisfactory sample was taken, an upstream sample within 5 service connections of the unsatisfactory site, a downstream sample within 5 service connections of the unsatisfactory site, and a sample at the source(s) of water for the distribution system.

All active wells must be sampled. If the direction of flow in the distribution system is not known, or if the distribution system is quite small, contact this Department for guidance.

2. If any of the resamples are unsatisfactory, additional sets of resamples must be taken. Contact this Department for guidance.
3. In the month following the unsatisfactory sample collect five coliform bacteria samples.

FURTHER ENFORCEMENT ACTION

Failure to comply with this notice and/or failure to comply with Title 22 of the California Code of Regulations may result in assessment of administrative penalties. This Department does not waive any further enforcement action by issuance of this citation.

If you have any questions, please contact me at (760) 863-7570.



Jackie Jones, REHS
Environmental Health Specialist

Certified Mail: 7007 3020 0001 6550 3597

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.

Tradúzcalo o hable con alguien que lo entienda bien.

Pine Springs Ranch Had Levels of Coliform Bacteria Above the Drinking Water Standard

Our water system recently violated a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what you should do, what happened, and what we did to correct this situation.

We routinely monitor for drinking water contaminants. We took five (5) samples to test for the presence of coliform bacteria during January 2017. Three (3) of those samples showed the presence of total coliform bacteria. The standard is that no more than 1 sample per month may do so.

What should I do?

- **You do not need to boil your water or take other corrective actions.**
- This is not an emergency. If it had been, you would have been notified immediately. Total coliform bacteria are generally not harmful themselves. *Coliforms are bacteria which are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.*
- Usually, coliforms are a sign that there could be a problem with the system's treatment or distribution system (pipes). Whenever we detect coliform bacteria in any sample, we do follow-up testing to see if other bacteria of greater concern, such as fecal coliform or *E. coli*, are present. **We did not find any of these bacteria in our subsequent testing, and further testing shows that this problem has been resolved.**
- People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from U.S. EPA's Safe Drinking Water Hotline at 1(800) 426-4791.
- If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

What happened? What was done?

- The well and/or distribution system has been disinfected. We took 7 additional samples and none of them showed presence of coliform bacteria.
- We will be taking additional samples this month in February.

For more information, please contact Fritz Wuttke at (951) 659-3173.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.

Secondary Notification Requirements

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- **SCHOOLS:** Must notify school employees, students, and parents (if the students are minors).
- **RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS** (including nursing homes and care facilities): Must notify tenants.
- **BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS:** Must notify employees of businesses located on the property.

This notice is being sent to you by Pine Springs Ranch.

State Water System ID#: 3301510. Date distributed: 2/7/17.

PROOF OF NOTIFICATION

NAME OF WATER SYSTEM Pine Springs Ranch

WATER SYSTEM NUMBER 3301510

As required by the California Health and Safety Code, this acknowledges that I have notified the users of this water system that the water supplied by Pine Springs Ranch had levels of Coliform Bacteria above the Drinking Water Standard which is a violation of the California Safe Drinking Water Standards. The Tier 2 Notice was posted in conspicuous locations throughout the area served and posted for at least 7 days.

This notification was made using the following method(s);

Verbal, to each customer/connection

Date completed 1-31-2017

Public Posting of Notice

Date completed 2-7-15 2017

Mail or Hand Delivery of a Written Notice

Date completed 2-7-17

Public Newspaper or Media

Date completed _____

Fritz Puttne
Print Name

[Signature]
Signature of Water System Representative

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We routinely monitor for drinking water contaminants. We took five (5) samples to test for the presence of coliform bacteria during February 2017. Three (3) of those samples showed the presence of total coliform bacteria. The standard is that no more than 1 sample per month may do so.

What should I do?

- **You do not need to boil your water or take other corrective actions.**
- This is not an emergency. If it had been, you would have been notified immediately. Total coliform bacteria are generally not harmful themselves. *Coliforms are bacteria which are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.*
- Usually, coliforms are a sign that there could be a problem with the system's treatment or distribution system (pipes). Whenever we detect coliform bacteria in any sample, we do follow-up testing to see if other bacteria of greater concern, such as fecal coliform or *E. coli*, are present. **We did not find any of these bacteria in our subsequent testing, and further testing shows that this problem has been resolved.**
- People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from U.S. EPA's Safe Drinking Water Hotline at 1(800) 426-4791.
- If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

What happened? What was done?

- The distribution system has been disinfected. We took 5 additional samples and none of them showed presence of coliform bacteria.
- We will be taking additional samples next month in March.

For more information, please contact Fritz Wuttke at (951) 659-4131.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.

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This notice is being sent to you by Pine Springs Ranch.

State Water System ID#: 3301510. Date distributed: 2-24-17.

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WATER SYSTEM NUMBER 3301510

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This notification was made using the following method(s);

Verbal, to each customer/connection

Date completed 2-21-17

Public Posting of Notice

Date completed 3-4-17

Mail or Hand Delivery of a Written Notice

Date completed 2-21-17

Public Newspaper or Media

Date completed _____

Fritz Luttkie

Print Name

[Signature]

Signature of Water System Representative